

Recombinant human UBL3 protein

Catalog Number: ATGP1081

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-114aa

UniProt No.

O95164

NCBI Accession No.

NP_009037

Alternative Names

ubiquitin-like protein 3, DKFZp434K151, FLJ32018, HCG-1, PNSC1

PRODUCT SPECIFICATION

Molecular Weight

15 kDa (134aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 2mM DTT, 0.1M NaCl.

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

uBL3, also known as PNSC1, is a 117 amino acid membrane protein belonging to the ubiquitin-like family. This protein contains two potential N-glycosylation sites, a potential protein kinase C phosphorylation site and a potential C-terminal prenylation site. ubiquitin-like proteins are not directly involved in protein degradation, but appear to have many mechanistic similarities with the ubiquitin pathway. Recombinant human uBL3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH> MSSNVPADMI NLRLLVSGK TKEFLFSPND SASDIAKHVY DNWPMDWEEE
QVSSPNILRL IYQGRFLHGN VTLGALKLPF GKTTVMHLVA RETLPEPNSQ GQRNREKTGE SNCC

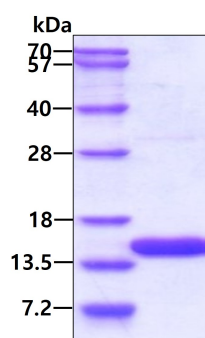
General References

Downes BP., et al. (2006) J Biol Chem. 281(37):27145-57.

Leung A., et al. (2008) Ernst Schering Found Symp Proc. (1):75-97.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain